

Sina Mashini

Technical Leader & Full-Stack Software Engineer

CORE FOCUS

- User-centered thinking
- Interface design collaboration
- Real-time & distributed systems
- Technical leadership & mentoring
- Translating requirements into intuitive solutions

TECHNICAL SKILLS

LANGUAGES

- JavaScript
- TypeScript
- C#
- SQL

FRAMEWORKS & RUNTIME

- Node.js
- NestJS
- Fastify
- Next.js
- React
- React Native
- .NET

REAL-TIME & MESSAGING

- WebSocket
- gRPC
- Message Queues
- GraphQL
- REST APIs

DATA & CLOUD

- MongoDB
- PostgreSQL
- SQL Server
- AWS
- Azure
- Vercel

TOOLS

- Git
- Jira

EDUCATION

Bachelor of Software Engineering
Azad University, Tehran

PUBLICATIONS

"The Medical Marvel of Dependency Injection: A Prescription for Software Health"

"Seamless Translation: Harnessing Dependency Injection"

WORKING STYLE

USER-CENTERED

Clear, intuitive product decisions

COLLABORATIVE

Design, product and engineering

LEADERSHIP & MENTORING

Technical leader and full-stack engineer with a strong foundation in building scalable, real-time web and mobile applications. Currently leading the technical direction of a live trading platform, combining backend architecture (Node.js, NestJS, Fastify, gRPC, WebSocket, message queues) with a continued focus on clean, intuitive user experience. Skilled at translating complex requirements — technical and product — into systems and interfaces that feel fast, clear, and reliable.

EXPERIENCE

Technical Leader

CURRENT

Fartak

May 2026 – Present

Projects: Finance & Inchart — thefinance.ir

▶ Leading technical direction for Finance and Inchart, a live trading platform in the spirit of TradingView, built for real-time market data and trading workflows

▶ Architecting backend services with Node.js using NestJS and Fastify, and the front end with Next.js

▶ Designed real-time data delivery using WebSocket and gRPC, and message queues to handle high-throughput trading and market events reliably

▶ Setting technical standards and leading the engineering team's implementation across the platform

Stack: Node.js · NestJS · Fastify · Next.js · gRPC · WebSocket · Message Queues

Full-Stack Developer — Freelance

Sep 2022 – May 2026

▶ Designed and developed multiple web applications with a strong focus on usability and clarity

▶ Worked closely with clients to translate their needs into functional, user-friendly interfaces

▶ Built modern applications using Next.js and .NET, emphasizing clean structure and maintainability

▶ Improved user flows and overall experience through iterative development and feedback

Full-Stack & Mobile Developer — Techvism

Jul 2021 – Sep 2022

▶ Contributed to both interface design and development of web and mobile applications

▶ Helped redesign and rebuild a company website, improving structure, usability, and content organization

▶ Developed a mobile application using React Native with attention to performance and user interaction

▶ Collaborated with cross-functional teams to align technical solutions with user needs

Full-Stack Developer — Pellonia

Sep 2020 – Jul 2021

▶ Led the design and implementation of application interfaces using React and Next.js

▶ Focused on building clean, consistent UI components and improving user experience

▶ Worked on a platform supporting copyright and DMCA processes, emphasizing clarity and usability in complex workflows

Full-Stack Developer — IIN Group

Aug 2019 – Sep 2020

▶ Contributed to the development of an e-learning platform, focusing on usability and accessibility

▶ Helped shape user flows for online learning and webinar experiences; mentored junior developers

Backend Developer — Tehran Municipality

Jan 2018 – Aug 2019

▶ Developed backend systems supporting large-scale public services

▶ Collaborated with teams to structure workflows and improve usability for internal users, gaining experience in complex, large-scale organizations

ADDITIONAL VALUE

ARCHITECTURE Scalable real-time systems across Node.js, gRPC, WebSocket and queues

PRODUCT DELIVERY Turns complex requirements into clear, reliable experiences

TEAM IMPACT Sets standards, leads implementation and mentors developers